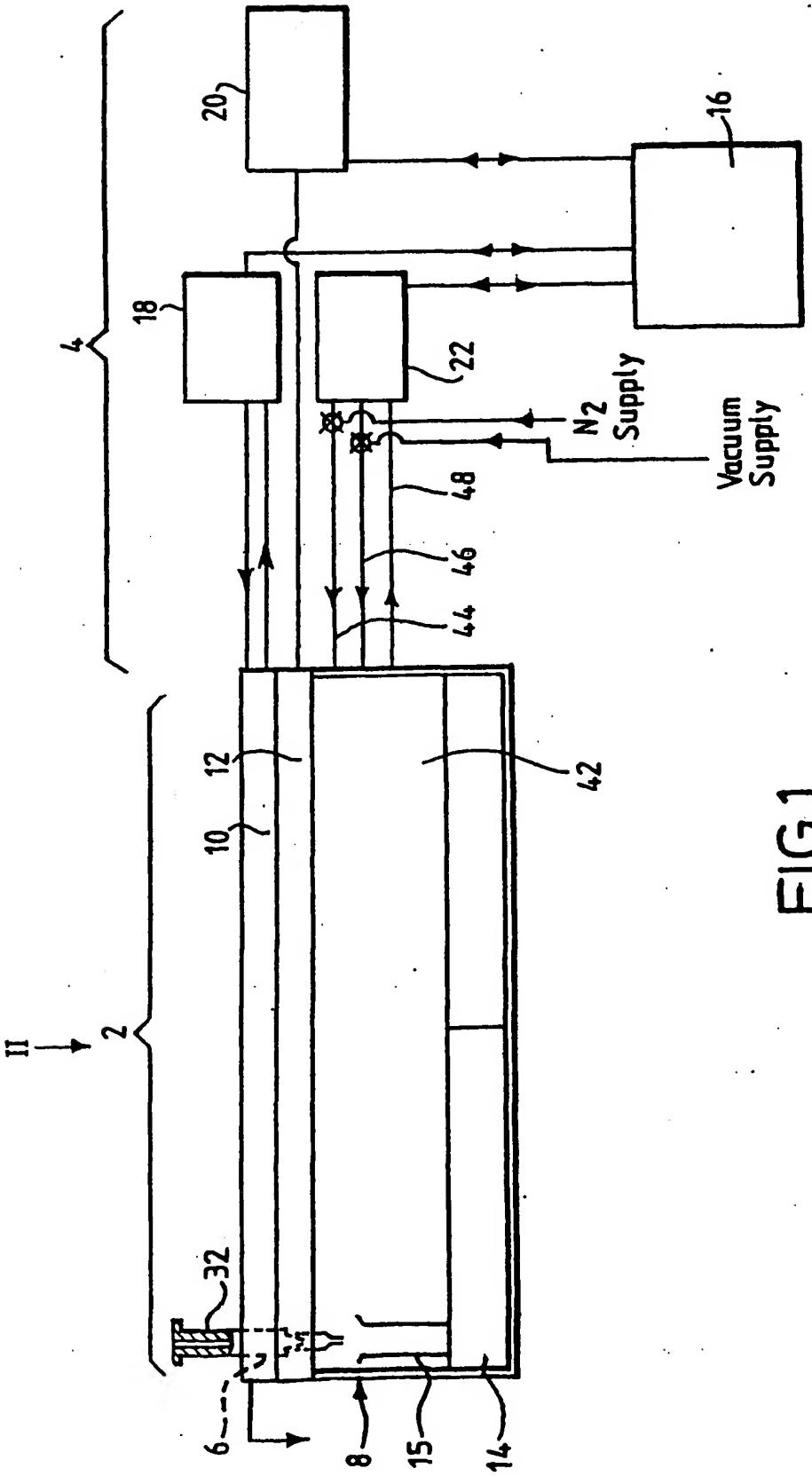
20
16
18
22
4
N_2 Supply
Vacuum Supply
48
46
44
12
42
10
II
2
32
6
8
15
14

FIG.1.

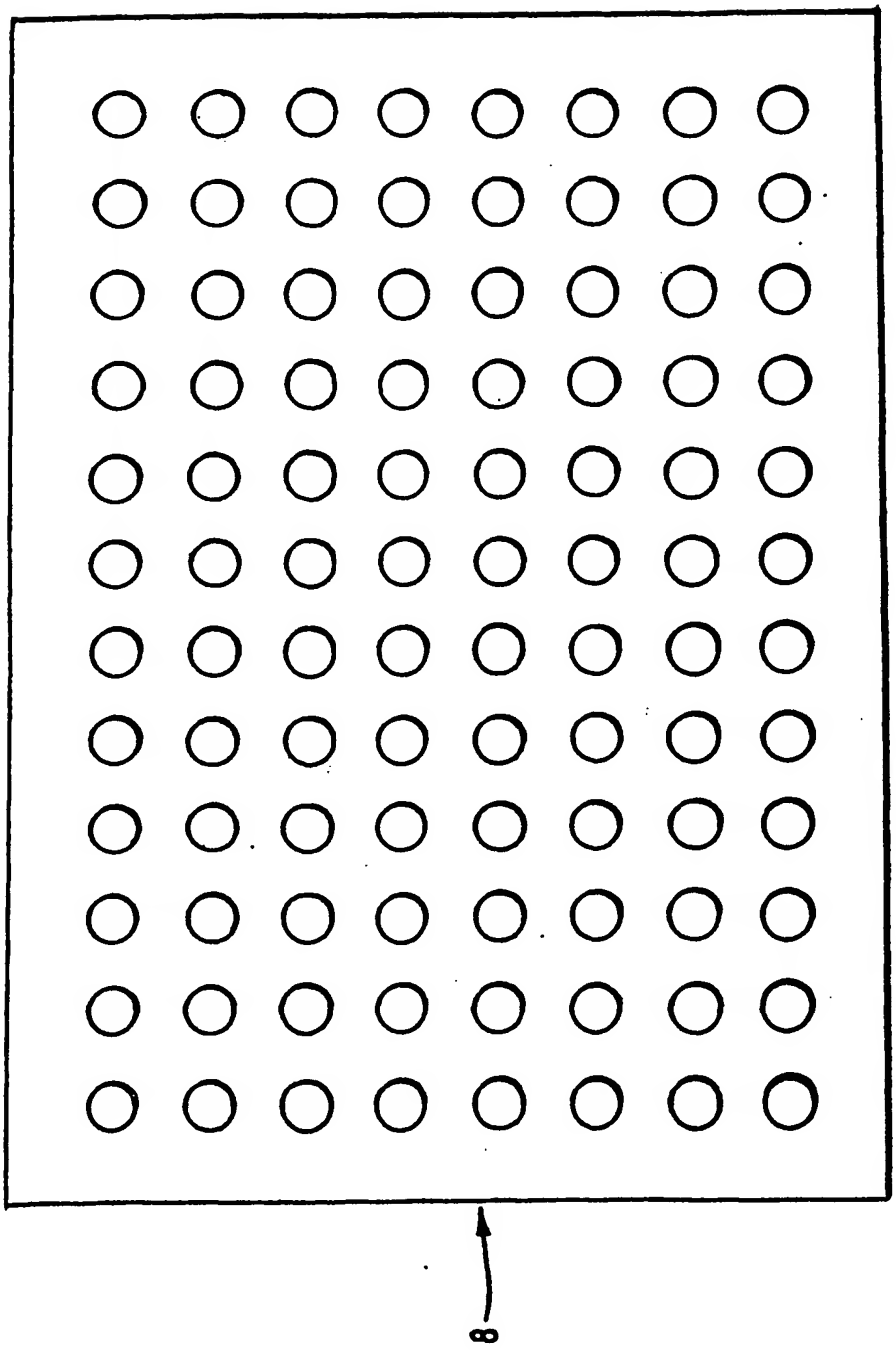

FIG.2.

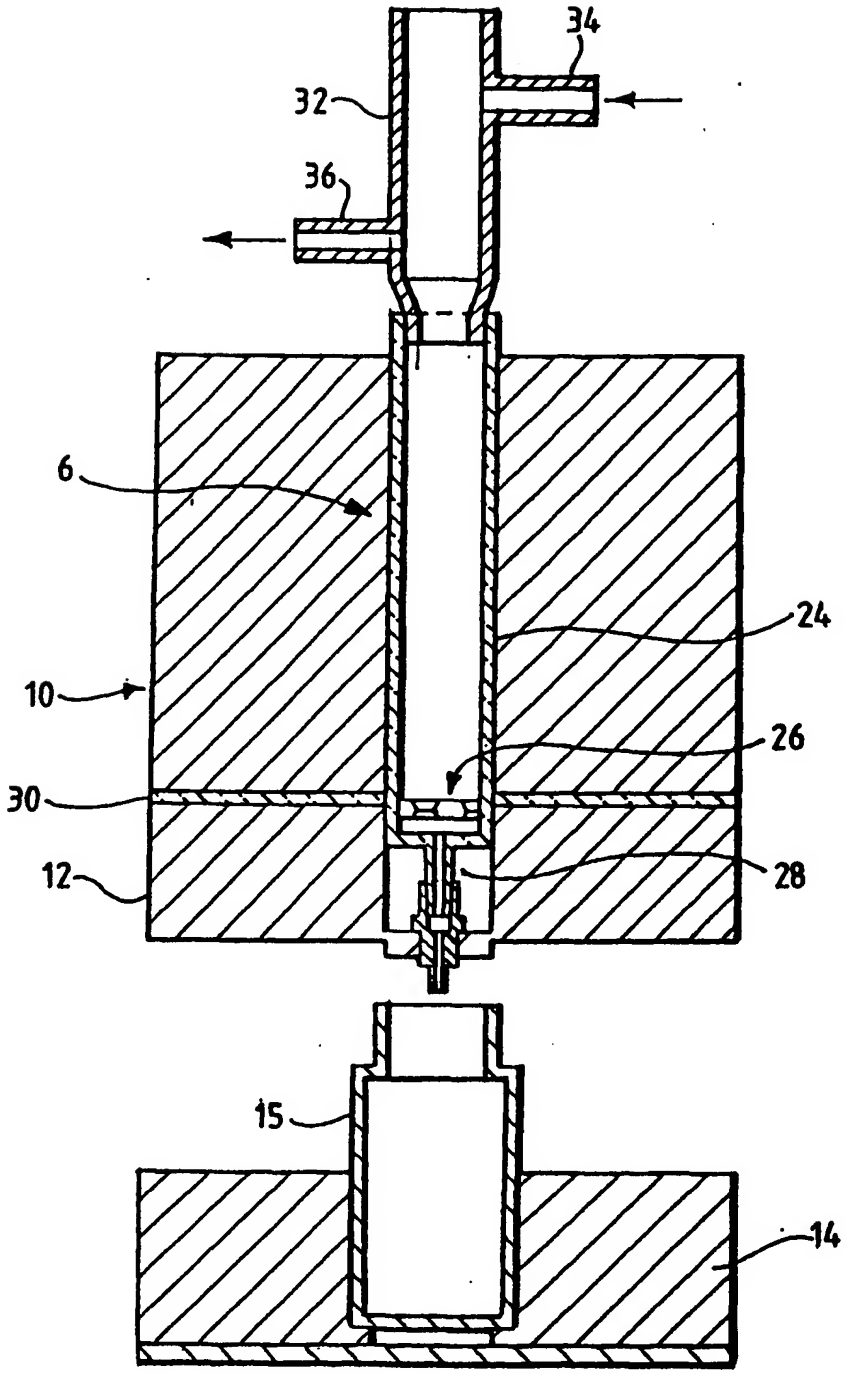

FIG.3.

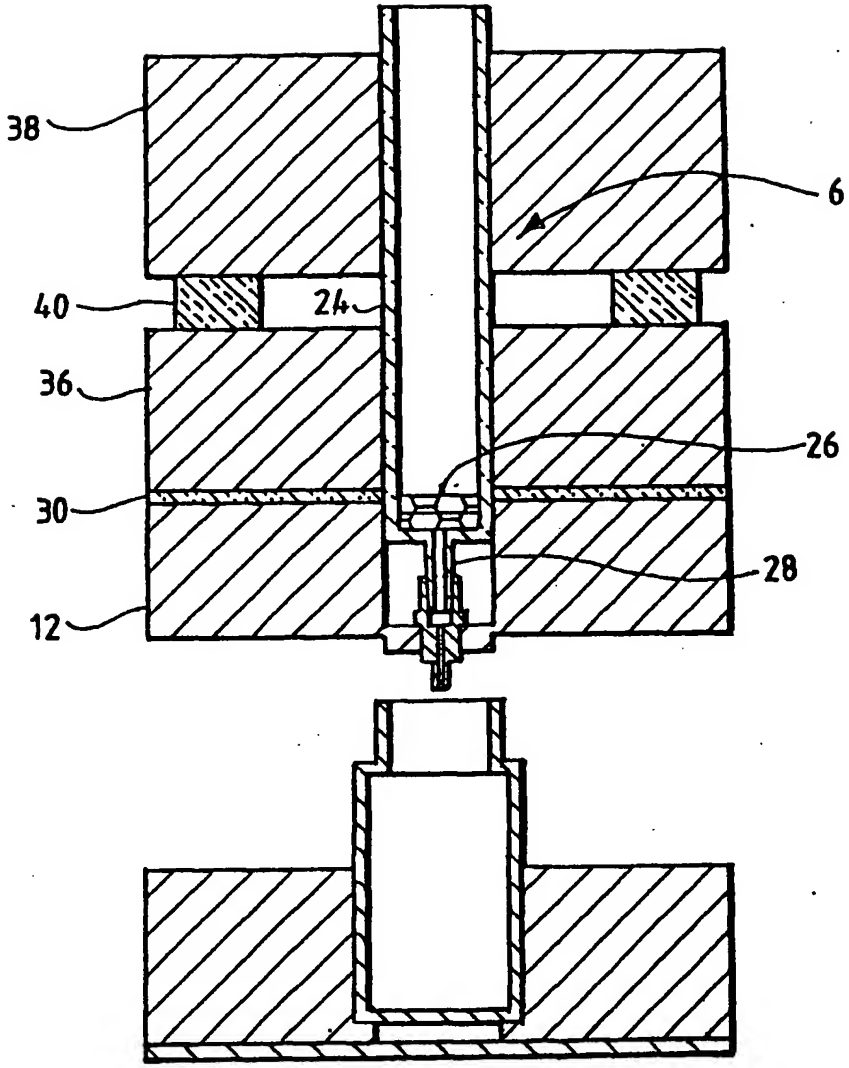

FIG.4.

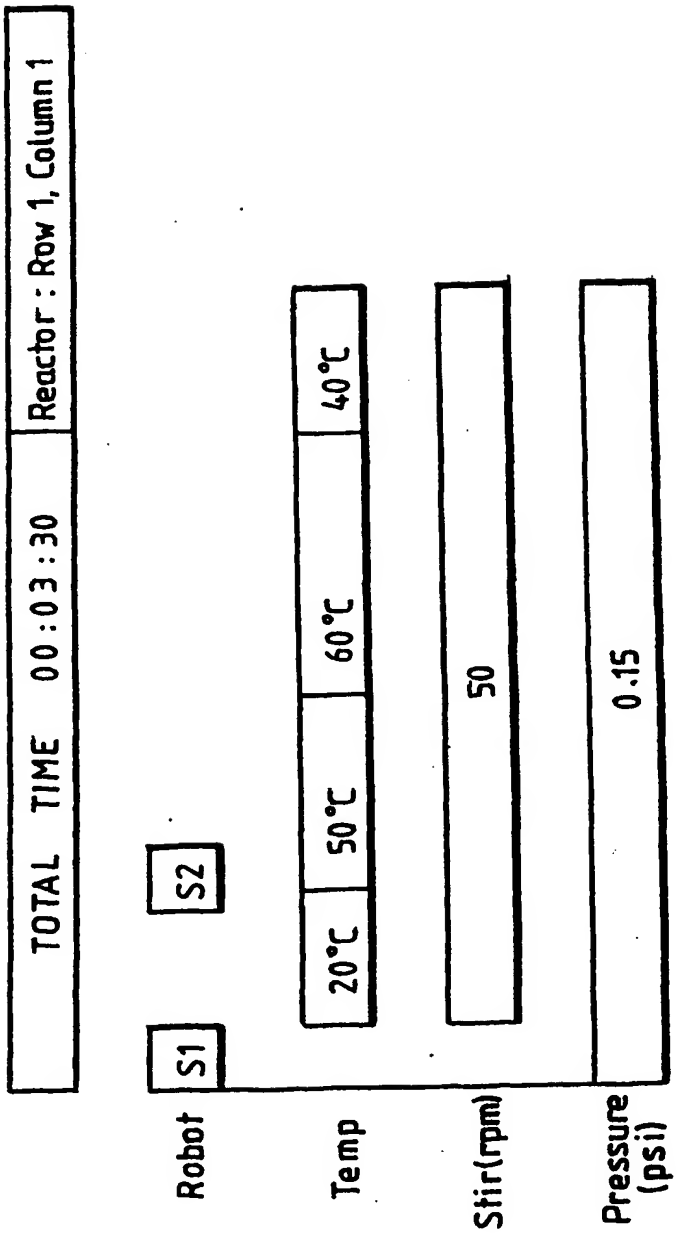
TOTAL TIME 00:03:30
Reactor : Row 1, Column 1
S1
S2
20°C
50°C
60°C
40°C
50
0.15
Robot
Temp
Stir(rpm)
Pressure (psi)

FIG.5.

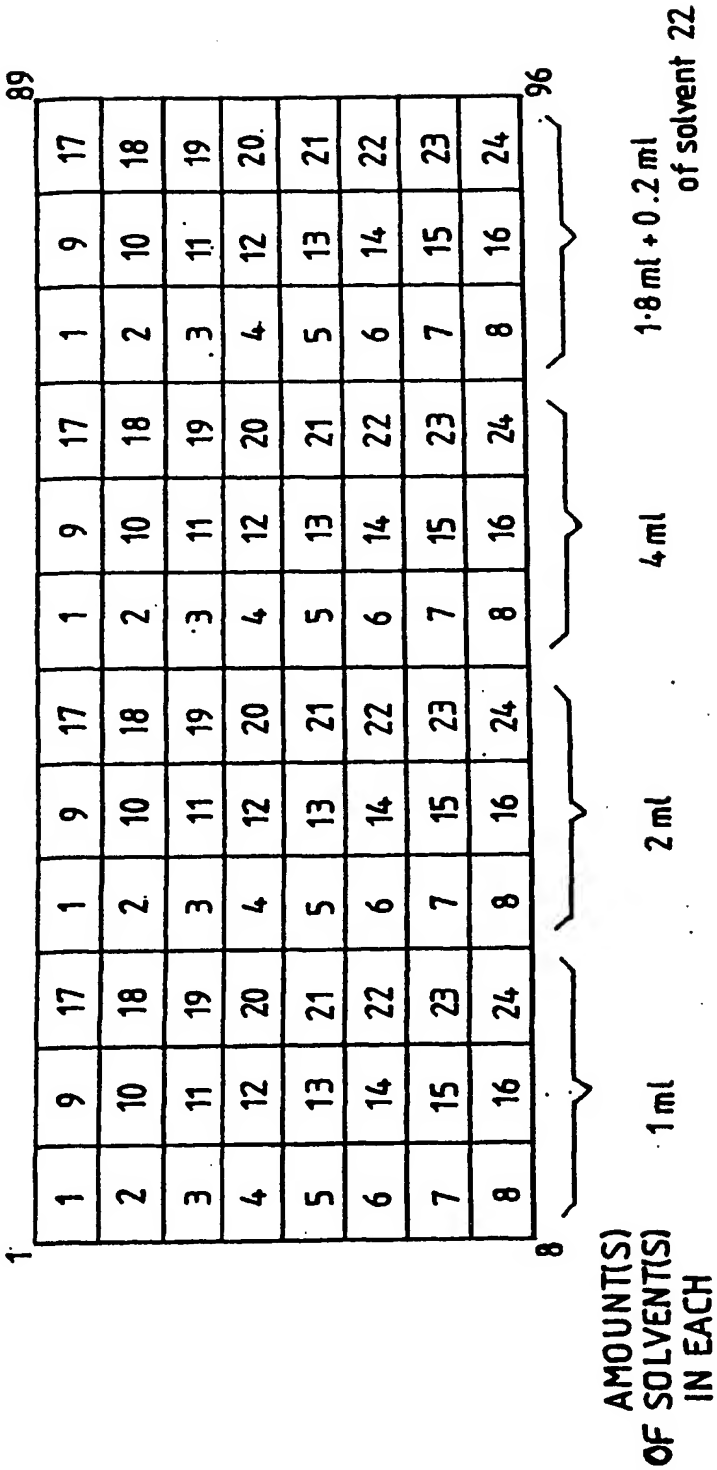
89
96
1
8
1 2 3 4 5 6 7 8
9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24
1 2 3 4 5 6 7 8
9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24
1 2 3 4 5 6 7 8
9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24
1 ml
2 ml
4 ml
1·8 ml + 0.2 ml of solvent 22
AMOUNT(S) OF SOLVENT(S) IN EACH VESSEL

FIG.6.

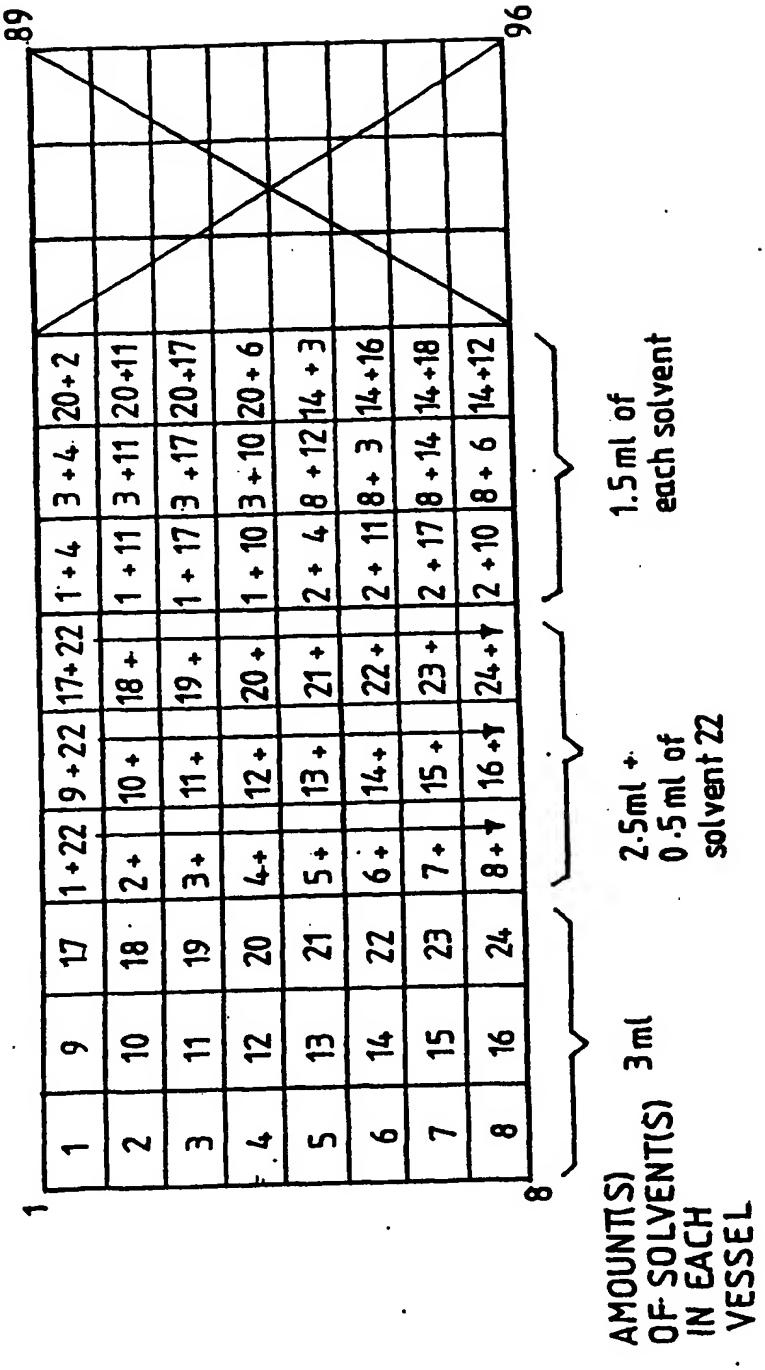
89
96
1
8
1 9 17 1+22 9+22 17+22 1+4 3+4 20+2
2 10 18 2+ 10+ 18+ 1+11 3+11 20+11
3 11 19 3+ 11+ 19+ 1+17 3+17 20+17
4 12 20 4+ 12+ 20+ 1+10 3+10 20+6
5 13 21 5+ 13+ 21+ 2+4 8+12 14+3
6 14 22 6+ 14+ 22+ 2+11 8+3 14+16
7 15 23 7+ 15+ 23+ 2+17 8+14 14+18
8 16 24 8+ 16+ 24+ 2+10 8+6 14+12
AMOUNT(S) OF SOLVENT(S) IN EACH VESSEL
3ml
2.5ml + 0.5ml of solvent 22
1.5ml of each solvent

FIG. 7.

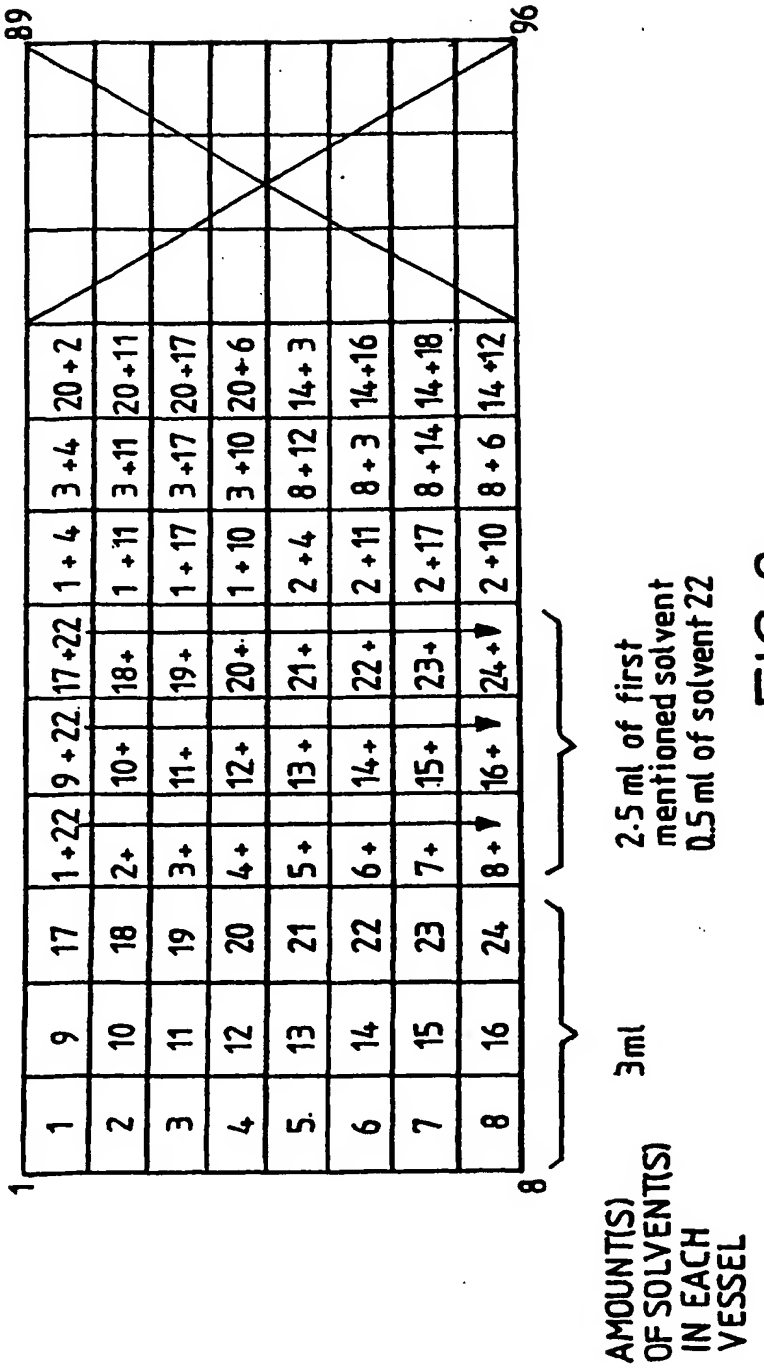
89
96
1
8
1 9 17 1+22 9+22 17+22 1+4 3+4 20+2
2 10 18 2+ 10+ 18+ 1+11 3+11 20+11
3 11 19 3+ 11+ 19+ 1+17 3+17 20+17
4 12 20 4+ 12+ 20+ 1+10 3+10 20+6
5 13 21 5+ 13+ 21+ 2+4 8+12 14+3
6 14 22 6+ 14+ 22+ 2+11 8+3 14+16
7 15 23 7+ 15+ 23+ 2+17 8+14 14+18
8 16 24 8+ 16+ 24+ 2+10 8+6 14+12
AMOUNT(S) OF SOLVENT(S) IN EACH VESSEL
3ml
2.5 ml of first mentioned solvent
0.5 ml of solvent 22

FIG.8.

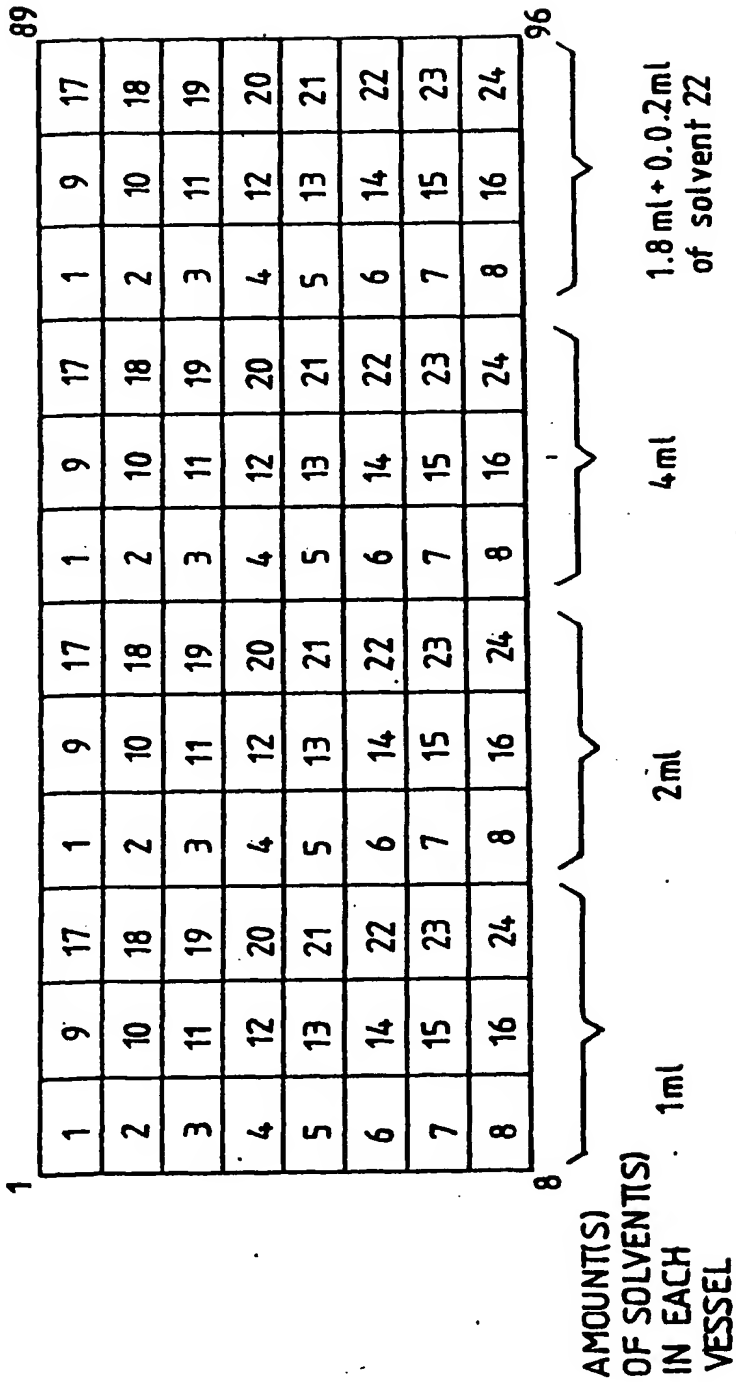
89
96
1
8
1 9 17 1 9 17 1 9 17 1
2 10 18 2 10 18 2 10 18 2
3 11 19 3 11 19 3 11 19 3
4 12 20 4 12 20 4 12 20 4
5 13 21 5 13 21 5 13 21 5
6 14 22 6 14 22 6 14 22 6
7 15 23 7 15 23 7 15 23 7
8 16 24 8 16 24 8 16 24 8
9 17 1 9 17 1 9 17 1 9
10 18 2 10 18 2 10 18 2 10
11 19 3 11 19 3 11 19 3 11
12 20 4 12 20 4 12 20 4 12
13 21 5 13 21 5 13 21 5 13
14 22 6 14 22 6 14 22 6 14
15 23 7 15 23 7 15 23 7 15
16 24 8 16 24 8 16 24 8 16
1ml
2ml
4ml
1.8ml + 0.0.2ml of solvent 22
AMOUNT(S) OF SOLVENT(S) IN EACH VESSEL

FIG.9.

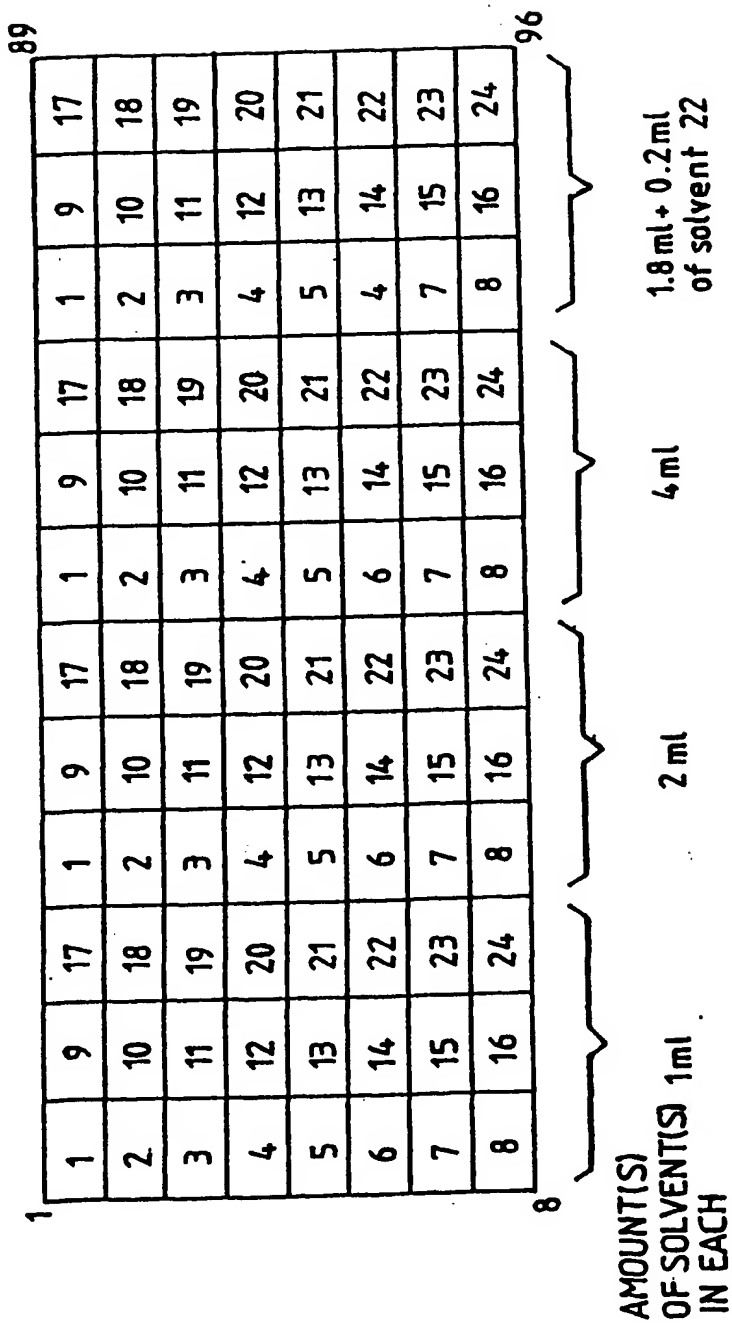
89
96
1
8
AMOUNT(S) OF SOLVENT(S) IN EACH VESSEL
1ml
2ml
4ml
1.8ml + 0.2ml of solvent 22

FIG.10.